

# JOYCE J. CHEN

## CONTACT INFORMATION

Women's, Gender and Sexuality Studies  
The Ohio State University  
University Hall  
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Columbus, OH 43210  
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## EDUCATION

Harvard University, Cambridge, MA  
Ph.D., Department of Economics June 2006  
Dissertation Title: *Household Decision-Making Processes,  
Non-Cooperative Behavior, and the Implications for Child Welfare*  
Advisor: Mark R. Rosenzweig  
M.A., Department of Economics June 2005  
Brown University  
B.A. Economics, Magna Cum Laude and with Honors May 1999  
Thesis Title: *Intrahousehold Allocation Under Varied Household Structures*  
Class of 1920 Outstanding Honors Thesis Award  
Advisor: Mark M. Pitt

## PROFESSIONAL APPOINTMENTS

### **POSITIONS**

Senior Economist, Amazon October 2021 – present  
The Ohio State University, Women's, Gender and Sexuality Studies  
Professor August 2022 – present  
The Ohio State University, Agricultural, Environmental and Development Economics  
Professor June 2022 – August 2022  
Associate Professor with Tenure August 2020 – present  
Associate Professor with Tenure (75% FTE) June 2017 – July 2020  
Assistant Professor (66% FTE) Oct. 2007 – present  
Assistant Professor (70% teaching, 30% research) Oct. 2006 – Sept. 2007  
Agricultural and Applied Economics Association  
Chair-Elect, Committee on Women in Agricultural Economics June 2018-present

### **APPOINTMENTS**

Editor, *Review of Economics of the Household* 2019-2021  
Chair, President and Provost's Council on Women, The Ohio State University 2021  
Associate Editor, *American Journal of Agricultural Economics* 2018-present

### **AFFILIATIONS**

Mershon Center for Security Studies, Faculty Affiliate 2016-present  
Global Mobility Project, Faculty Affiliate 2016-present  
Sustainable and Resilient Economy, Faculty Affiliate 2016-present  
Institute for the Study of Labor (IZA), Research Fellow Nov. 2015 – present

PUBLICATIONS (Student Co-Author Indicated by \*)

**JOURNAL ARTICLES**

1. Genetin, Brandon\*, **Joyce J. Chen**, Vladimir Kogan, and Alan Kalish. 2022. “Mitigating implicit bias in student evaluations: A randomized intervention.” *Applied Economic Perspectives and Policy*. CWAE 40th Anniversary Special Issue. 44(1), 110-128.
2. Bell, A., D. Wrathall, V. Mueller, **J. Chen**, M. Oppenheimer, M. Hauer, H. Adams, S. Kulp, P. Clark, E. Fussell. 2021 “Migration towards Bangladesh coastlines projected to increase with sea-level rise through 2100.” *Environmental Research Letters*. 16 024045.
3. Wrathall, D., V. Mueller, P. U. Clark, M. Oppenheimer, M. Hauer, S. Kulp, E. Gilmore, H. Adams, A. Bell, R. Kopp, K. Abel, M. Call, J. Chen, A. deSherbinin, E. Fussell, C. Hay, B. Jones, N. Magliocca, E. Marino, A. Slangen, and K. Warner. “Meeting the Looming Challenge of Future Migration from Global Sea-Level Change.” 2019. *Nature Climate Change*. 9, 898-901.
4. **Chen, Joyce J.** and Valerie Mueller. 2019. “Climate-Induced Cross-border Migration and Change in Demographic Structure.” *Population and Environment*. 41(2), 98-125.
5. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. 2019. “Temporary and Permanent Migrant Selection: Theory and Evidence of Ability-Search Cost Dynamics.” *Review of Development Economics*, 23(4),1477-1519. Lead Article.
6. **Chen, Joyce J.** and Daniel Crown\*. 2019. “The Gender Pay Gap in Academia: Evidence from The Ohio State University.” *American Journal of Agricultural Economics*, 101(5), 1337-1352.
7. **Chen, Joyce J.**, Katrina Kosec, and Valerie Mueller. 2019. “Moving to Despair? Migration and Well-Being in Pakistan.” *World Development*. 113, 186-203.
8. **Chen, Joyce J.** and Valerie Mueller. 2018. “Coastal Climate Change, Soil Salinity and Human Migration in Bangladesh.” *Nature Climate Change*. 8, 981-985.
9. Kondratjeva, Olga\* and **Joyce J. Chen**. 2018. “Children's Schooling in Nicaragua: What Is the Link Between Educational Achievement and Borrowing?” *Review of Development Economics*. 22(3), 1125-1145.
10. **Chen, Joyce J.**, Valerie Mueller, Yuanyuan Jia\*, and Steven Kuo-Hsin Tseng. 2017. “Validating Migration Responses to Flooding Using Satellite and Vital Registration Data.” *American Economic Review*. 107(5), 441-445.
11. **Chen, Joyce J.** and Mark M. Pitt. 2017. “Sources of Change in the Demand for Energy by Indonesian Households: 1980-2002.” *Energy Economics*. 61, 147-161.
12. Braun, Boris, **Joyce J. Chen**, Kathryn Dotzel\*, and Craig Jenkins. 2016. “Climate Change and Migration in Coastal Bangladesh.” *Geographische Rundschau*. 7-8, 10-15.
13. Akresh, Richard, **Joyce J. Chen**, and Charity Moore\*. 2016. “Altruism, Cooperation, and Efficiency: Agricultural Production in Polygynous Households.” *Economic Development and Cultural Change*. 64(4), 661-696.
14. **Chen, Joyce J.** 2015. “The Impact of Skill-Based Immigration Restrictions: The Chinese Exclusion Act of 1882.” *Journal of Human Capital*. 9(3), 298-328.
15. **Chen, Joyce J.** and LaPorchia Collins\*. 2014. “Let’s Talk About the Money: Spousal Communication, Expenditures and Farm Production.” *American Journal of Agricultural Economics*. 96(5), 1272-1290.
16. **Chen, Joyce J.** 2013. “Identifying Non-Cooperative Behavior Among Spouses: Child Outcomes in Migrant-Sending Households.” *Journal of Development Economics*. 100(1), 1-18. Lead Article.
17. Hernandez\*, Emilio, Abdoul Sam, Claudio Gonzalez, and **Joyce J. Chen**. 2012. “Does the Insurance Effect of Public and Private Transfers Favor Financial Deepening? Evidence from Rural Nicaragua.” *Review of Development Finance*. 2(1), 9-21.

18. Akresh, Richard, **Joyce J. Chen**, and Charity Moore\*. 2012. "Productive Efficiency and the Scope for Cooperation in Polygynous Households." *American Journal of Agricultural Economics*. 94(2), 395-401. Agricultural and Applied Economics Association Selected Paper, Editor-Reviewed.
19. **Chen, Joyce J.** 2011. "Dads, Disease and Death: Determinants of Daughter Discrimination." *Journal of Population Economics*. 25(1), 119-149.
20. Yuanjing Jin\*, Eugene Jones, **Joyce Chen**, and Abdoul Sam. 2010. "An Economics Analysis of Consumers' Purchasing Behavior for Breakfast Cereals." *Journal of Food Distribution Research*. 41(1), 64-69.
21. **Chen, Joyce J.** 2006. "Migration and Imperfect Monitoring: Implications for Intra-Household Allocation," *American Economic Review*, 96(2), 227–231. American Economic Association's Committee on the Status of Women in Economics Profession Selected Paper, Peer-Reviewed.

#### GENERAL PRESS

1. **Chen, Joyce J.** 2019. "Climate change, conflict and displacement: Sides of the same coin." *Great Insights Magazine*. Autumn. 8(4), 22-23. <https://ecdpm.org/great-insights/complex-link-climate-change-conflict/climate-change-conflict-displacement/>
2. **Chen, Joyce J.** and Valerie Mueller. 2018. "Climate change is making soils saltier, forcing many farmers to find new livelihoods." *The Conversation*. <https://theconversation.com/climate-change-is-making-soils-saltier-forcing-many-farmers-to-find-new-livelihoods-106048>
3. **Chen, Joyce J.** and Valerie Mueller. 2018. "Sea level rise will likely prompt migration in Bangladesh." *Behavioral and Social Sciences at Nature Research*. <https://socialsciences.nature.com/users/180294-valerie-mueller/posts/39481-in-bangladesh-rising-sea-levels-may-prompt-locals-to-move>

#### UNDER REVIEW

1. Mueller, Valerie, **Joyce J. Chen**, Fabien Durand, Erika Lisco, Qing Zhong, V. Raju Sherin, AKM Saiful Islam. "Sea Level Rise and the Economic Repercussions of Salinity Front Expansion." Revision requested, *Population and Environment*.
2. **Chen, Joyce J.**, MinSub Kim\*, and Bruce Weinberg. "Economic Gender Gaps: A Deeper Look at Institutional Factors." Revision requested, *Agricultural Economics*.
3. Kogan, Vladinir, Brandon Genetin\*, **Joyce J. Chen**, Alan Kalish. "Students' Grade Satisfaction Influences Evaluations of Teaching: Evidence from Individual-level Data and an Experimental Intervention." In review, *Educational Researcher*.

#### WORKS IN PROGRESS

1. **Chen, Joyce J.**, Valerie Mueller, and Brian Thiede. "Can Declines in Fertility During Floods Be Explained by Increased Demands on the Farm?"
2. Thiede, Brian, **Joyce J. Chen** and Valerie Mueller. "It's Raining Babies? Flooding and Fertility Choices in Bangladesh."
3. Crown, Daniel\* and **Joyce J. Chen**. "The Gender Wage Gap in Federal Agencies."
4. **Chen, Joyce J.** and Daniel Crown. "The Gender Wage Gap in Higher Education: Peer Effects, Representation, and Role Models."
5. Acuna-Garcia, Julio\* and **Joyce J. Chen**. "Sequential Migration: Unaccompanied Children, Separated Families, and Crime in the Northern Triangle."
6. **Chen, Joyce J.** and Valerie Mueller. "Climate Migrants and Conflict in Bangladesh."
7. **Chen, Joyce J.** and Valerie Mueller. "Environmental Vulnerability and The Demographic Equation."
8. **Chen, Joyce J.** and Md. Nazmul Hassan. "The Interaction Between Migrants and Origin Households: Evidence from Linked Data." In preparation for *Review of Economics and Statistics*.

## GRANTS AND HONORS

### EXTERNAL FUNDING

1. PI. 01/2020-12/2021. Reducing impact of student bias on feedback surveys: A pilot study. Bluenotes Group. \$10,000.
2. PI. 06/2016-12/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. International Growth Center. £83,000.  
*Design and implement survey for collection of high frequency data on migration via mobile phones.*
3. Co-I. 01/2015-07/2015. Building Community Climate Resilience in Coastal Bangladesh: Stage One. Global Resilience Partnership. PI: Craig Jenkins. \$200,000 (total award).  
*Jointly organized collaborative planning workshop in Dhaka, Bangladesh focused on coastal vulnerability and water resource management.*
4. Co-PI. 06/2014-06/2018. Infrastructure, Mis-Allocation and Economic Growth in Bangladesh. International Growth Centre. PI: Mark M. Pitt. £50,000 (total award).  
*Design survey questionnaires, sampling frame, and enumerator training materials for fifth wave of Nutrition Survey of Rural Bangladesh.*
5. Co-I. 09/2013-09/2017. Bangladesh Delta: Assessment of the Causes of Sea-Level Rise Hazards and Integrated Development of Predictive Modeling Towards Mitigation and Adaptation (BAND-AID). National Science Foundation via Belmont Forum. PI: C.K. Shum. \$600,000 (total award).  
*Estimate the causal effect of environmental factors on internal migration from coastal communities and project future vulnerability to sea-level rise in Bangladesh.*

### INTERNAL FUNDING

1. PI. 09/2019-08/2020. Sea-Level Rise, Climate Migration, and Conflict in Coastal Bangladesh. Mershon Center. \$35,000.
2. PI. 09/2018-08/2019. Addressing the Gender Pay Gap at OSU and Beyond. Coca Cola Critical Difference Faculty Research Grant. \$5,000.  
*Quantify the gender pay gap at OSU and assess the key contributing factors.*
3. Co-PI. 09/2017-09/2018. Managing Disaster Risk: Launching Micro Insurance in Bangladesh. Mershon Center. PI: C.K. Shum. \$26,737 (total award).  
*Quantify links between weather realizations, crop yields, and household income to assess scope for micro-insurance programs in Bangladesh.*
4. Co-PI. 09/2016-09/2017. Pilot Study on International Security: Disaster Refugees and Flood Early Warning in Bangladesh. Mershon Center. PI: Craig Jenkins. \$20,000 (total award).  
*Design survey to evaluate efficacy of new flood early warning system.*
5. PI. 06/2016-06/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Sustainable and Resilient Economy Program. \$30,000.  
*Design survey for collection of high frequency data on migration via mobile phones.*
6. PI. 06/2016-06/2018. Migration and Climate Change: Environmental Vulnerability and Location Choice in Bangladesh. Initiative in Population Research. \$45,000.  
*Design survey for collection of high frequency data on migration via mobile phones.*
7. Co-PI. 09/2014-09/2015. Yangtze Delta Coastal Vulnerability: Towards an Integrated Social and Natural Science Framework for Urban Sustainability (YANG-SOS). Discovery Themes Global Gateways. PI: C.K. Shum. \$25,000 (total award).  
*Jointly organized collaborative workshop for understanding the complex interactions between environmental and anthropogenic aspects of climate change in the Yangtze River Delta.*
8. PI. 06/2007-06/2009. Causal Effect of Temporary Migration on Sending Households and Migrants. Population and Health Targeted Investment in Excellence Initiative. \$30,000.  
*Design survey questionnaires for temporary migrants in Nutrition Survey of Rural Bangladesh.*
9. PI. 06/2007-06/2009. Migration and Social Networks. Initiative in Population Research. \$5000.  
*Design survey module on migration history.*

## **AWARDS AND HONORS**

1. LEAD21 Cohort Member.
2. Dissertation Fellowship, Project on Justice, Welfare and Economics, Weatherhead Center for International Affairs, Harvard University, 2004-2005.
3. Pre-Doctoral Fellow, Center for International Development, Kennedy School of Government, Harvard University, 2004-2006.
4. Outstanding Presenter, Population Association of America Annual Meeting, 2003.

## **SERVICE (selected)**

### **AGRICULTURAL AND APPLIED ECONOMICS ASSOCIATION**

1. Chair, Committee on Women in Agricultural Economics, Agricultural and Applied Economics Association, 07/2020-present.
2. Member, Diversity, Equity, and Inclusion Task Force, 05/2020-present.
3. Member, Publications Committee, 07/2020-present.
4. Member, Awards Committee, 07/2018-present.

### **THE OHIO STATE UNIVERSITY**

5. Chair-Elect, President and Provost's Council on Women, 01/2020-present.
6. Member, Task Force on Racism and Racial Inequities, 05/2020-present.
7. Member, University Work Group on Research and Creative Expression, 04/2020-present.
8. Member, Faculty Advisory Committee, Alliance for the American Dream, 2018-2019.
9. Graduate Studies Committee, Interdisciplinary Specialization in Demography, 2014-present.
10. Member, Diversity, Equity and Inclusion Action Council, College of Food, Agricultural, and Environmental Sciences, 01/2021-present.
11. Member, SEEDS Research Committee, College of Food, Agricultural, and Environmental Sciences, 01/2017-02/2020.
12. Member, Diversity and Inclusion Task Force, Mershon Center, 10/2020-present.
13. Member, Faculty Council, Agricultural, Environmental, and Development Economics, 09/2020-present.

### **COMMUNITY**

14. Grant Reader, Women's Fund of Central Ohio, 2017-2018.
15. Speaker, Women for Economic and Leadership Development National Leadership Conference. 2021.